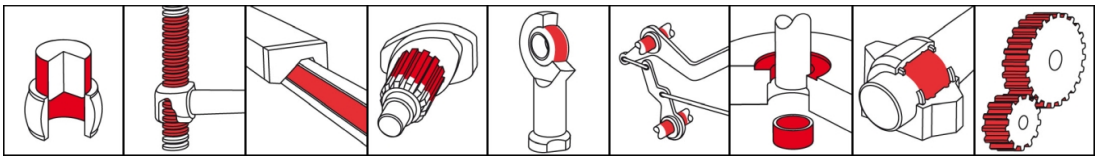
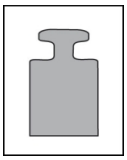
PRODUCT INFORMATION

a product brand of KLÜBER LUBRICATION

OKS 221
MoS_2 Rapid Paste, Spray





Mo_x - Active

Description

Assembly paste with very high MoS_2 contents for pressing and moulding processes as well as run-in lubrication of highly loaded sliding surfaces.

Applications

- Assembly paste for press-fitting wheels, shafts, tires or bearings
- Non-stick primer coat for moving threads, guides and slideways to prevent stick-slip effect, seizing and wear
- Wearing-in lubrication of highly stressed sliding surfaces such as plain bearings, gearwheels, crankshafts with provision of anti-seizing properties
- Suitable for non-cutting shaping of the difficult type, such as doming, pressing, embossing while avoiding critical metal contacts and welding

Advantages and benefits

- Immediate effective protection against corrosion, wear and stick-slipping under high stress conditions
- No pressing onto the sliding surface required
- Highly effective due to the strong affinity of the MoS_2 for metals
- Extremely low friction at highest loading capability
- Increased operational reliability of moving parts due to anti-seizing properties
- Improved performance due to organic molybdenum complex compounds

Branches

- Rail vehicle technology
- Rubber and plastic processing
- Logistics
- Chemical industry
- Shipbuilding and marine technology
- Plant and machine (tool) engineering
- Paper and packaging industry
- Iron and steel industry
- Glass and foundry industry
- Municipal services

Application tips

For optimum adhesion, clean contamination and other lubricants from sliding surfaces. Best way is to clean mechanically first (for example, with a wire brush) and then with OKS 2610/OKS 2611 universal cleaner. Apply OKS 220 thinly and evenly with a brush or spatula. Spray OKS 221 on evenly. Remove excesses. Do not use paste instead of grease and mix only with suitable lubricants.

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OKS 221
MoS_2 Rapid Paste, Spray

Packaging

- 400 ml Spray

Technical data

	Standard	Conditions	Unit	Value
Main components				
base oil				synthetic oil
thickener				without
solid lubricants				other solid lubricants
solid lubricants				MoS_2
additives				Mo_x-Active
Application related technical data				
unworked penetration	DIN ISO 2137	no shear stress	0.1 mm	260-290
lower operating temperature			°C	-35
upper operating temperature		separation	°C	450
upper operating temperature		separation under exclusion of oxygen	°C	630
colour				black
density	DIN EN ISO 3838	at 20°C	g/cm³	0.68
four-ball test rig welding load	DIN 51 350-4		N	4,200
Total friction coefficient (µ)	DIN EN ISO 16 047	screw ISO 4017 M10x55-8.8 black-oxide, nut ISO 4032 M10-10 black-oxide		0.07
press-fit test (µ)	draft DIN 51 833			0,05, no chatter
Properties and approvals				
UFI				VT8K-U0JA-Y001-6RUF

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